



Receipt

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Deung-Mo Che et al. Art Unit : Unknown  
Serial No. : 09/674,589 Examiner : Unknown  
Filed : November 2, 2000  
Title : METHOD OF MANUFACTURING HOT ROLLED STEEL SHEET USING  
MINI MILL PROCESS

JUL 26 2001  
TC 3700 MAILING ROOM  
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Commissioner for Patents  
Washington, D.C. 20231

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Applicants have noted errors in the official filing receipt, a copy of which is enclosed. More specifically, under the "Applicant(s)" section, please add --DEUNG-MO CHE, JEOLLANAM-DO, REPUBLIC OF KOREA, SANG-IL LEE, JEOLLANAM-DO, REPUBLIC OF KOREA, YEOUNG-RIN MIN, JEOLLANAM-DO, REPUBLIC OF KOREA--; and under the "Foreign Applications" section, please add --PCT/KR99/00102 03/04/99--. It is respectfully requested that a corrected filing receipt by issued.

A copy of the Combined Declaration and Power of Attorney and transmittal letter filed with the application is enclosed to show that the errors were made by the Office. No fee is believed to be due. If, however, there are any charges, please apply them to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 3-20-01

Y. Rocky Tsao  
Y. Rocky Tsao  
Reg. No. 34,053

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070

20206169.doc

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

March 21, 2001  
Date of Deposit  
Diane M. Sartino  
Signature  
Diane M. Sartino  
Typed or Printed Name of Person Signing Certificate



## UNITED STATES PATENT AND TRADEMARK OFFICE

YK1  
COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/674,589	11/02/2000	3725	1072	10156/015001	6	24	2

## FILING RECEIPT

Y Rocky Tsao  
Fish & Richardson  
225 Franklin Street  
Boston, MA 02110-2804



\*OC00000005761795\*

Date Mailed: 02/14/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

## Continuing Data as Claimed by Applicant

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## Foreign Applications

FFB 20 2001

If Required, Foreign Filing License Granted 02/13/2001

FISH & RICHARDSON, P.C.  
BOSTON OFFICE

## Title

Method of manufacturing hot rolled steel sheet using mini mill process

## Preliminary Class

072

Data entry by : NGUYEN, SON

Team : OIPE

Date: 02/14/2001

TC 3700 MAIL ROOM  
JUL 26 2001  
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Submitted by:	Priority and Application Number:
See Case:	2/14/01
Deadline:	3/14/01
Entered:	KY14 2/20/01

PRIORITY and APPLICATION NUMBER:  
2/14/01  
3/14/01

KY14 2/20/01

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

10156/015001

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

INTERNATIONAL APPLICATION NO.  
PCT/KR99/00102INTERNATIONAL FILING DATE  
March 4, 1999

PRIORITY DATE CLAIMED

**TITLE OF INVENTION****Method of Manufacturing Hot Rolled Steel Sheet Using Mini Mill Process****APPLICANT(S) FOR DO/EO/US****Deung-Mo Che; Sang-II Lee; Yeoung-Rin Min**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5.  A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.  A copy of the International Search Report (PCT/ISA/210).
8.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
9.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

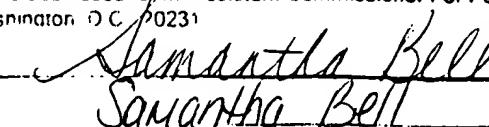
**Items 13 to 20 below concern document(s) or information included:**

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  A substitute specification.
18.  A change of power of attorney and/or address letter.
19.  Certificate of Mailing by Express Mail
20.  Other items or information:

Express Mail mailing label number E 62437821 US

Date of Deposit NOVEMBER 2, 2000

hereby certify that this paper or fee is being deposited with  
the United States Postal Service 'Express Mail Post Office to  
addressee' service under 37 CFR 1.10 on the date indicated above  
and is addressed to the Assistant Commissioner For Patents,  
Washington, D.C. 20231



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21. The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :**

<input checked="" type="checkbox"/>	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO .....	\$1,000.00
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but Internation Search Report prepared by the EPO or JPO .....	\$860.00
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....	\$710.00
<input type="checkbox"/>	International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....	\$690.00
<input type="checkbox"/>	International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) .....	\$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

**\$1,000.00**

Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).

20     30

**\$0.00**

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	24 - 20 =	4	x \$18.00	<b>\$72.00</b>
Independent claims	2 - 3 =	0	x \$80.00	<b>\$0.00</b>
Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>	<b>\$0.00</b>

**TOTAL OF ABOVE CALCULATIONS =** **\$1,072.00**

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable).

**\$0.00**

**SUBTOTAL =** **\$1,072.00**

Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).

20     30

**\$0.00**

**TOTAL NATIONAL FEE =** **\$1,072.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).

**\$40.00**

**TOTAL FEES ENCLOSED =** **\$1,112.00**

Amount to be: refunded	\$
charged	\$

A check in the amount of **\$1,112.00** to cover the above fees is enclosed.

Please charge my Deposit Account No. in the amount of to cover the above fees.  
A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **06-1050** A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Y. Rocky Tsao  
Fish & Richardson P.C.  
225 Franklin Street  
Boston MA 02110-2804

  
**SIGNATURE**

**Y. Rocky Tsao**

NAME

**34,053**

REGISTRATION NUMBER

**11-2-60**

DATE

**FILE COPY**UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)



Bib Data Sheet

CONFIRMATION NO. 9144

SERIAL NUMBER 09/674,589	FILING DATE 11/02/2000 RULE	CLASS 029	GROUP ART UNIT 3726	ATTORNEY DOCKET NO. 10156/015001
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**APPLICANTS**

Deung-Mo Che, Jeollanam-Do, KOREA, REPUBLIC OF;  
 Sang-II Lee, Jeollanam-Do, KOREA, REPUBLIC OF;  
 Yeoung-Rin Min, Jeollanam-Do, KOREA, REPUBLIC OF;

**\*\* CONTINUING DATA \*\*\*\*\***

THIS APPLICATION IS A 371 OF PCT/KR99/00102 03/04/1999

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

REPUBLIC OF KOREA 97-66909 12/09/1997

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

\*\* 02/13/2001

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY KOREA, REPUBLIC OF	SHEETS DRAWING 6	TOTAL CLAIMS 24	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

**ADDRESS**

Y Rocky Tsao  
 Fish & Richardson  
 225 Franklin Street  
 Boston ,MA 02110-2804

**TITLE**

Method of manufacturing hot rolled steel sheet using mini mill process

FILING FEE RECEIVED 1072	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit